

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010531.D
 Acq On : 27 Apr 2019 06:02
 Operator : SY/MD
 Sample : K2586-09
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X34

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	3	8	19	rVB	93526	90995	12.35%	1.327%
2	1.222	36	41	50	rVB2	17220	18881	2.56%	0.275%
3	1.319	62	71	83	rVB	87921	99498	13.51%	1.451%
4	1.515	127	132	138	rVB4	9586	10009	1.36%	0.146%
5	1.563	138	147	160	rBV	57259	72217	9.80%	1.053%
6	2.122	311	321	333	rBV	159008	224889	30.53%	3.280%
7	2.190	334	342	358	rVB	31289	48059	6.52%	0.701%
8	2.315	370	381	394	rBV	28448	51658	7.01%	0.754%
9	2.650	474	485	501	rVB3	5798	13141	1.78%	0.192%
10	3.936	871	885	911	rBV	86057	239941	32.57%	3.500%
11	4.129	933	945	972	rVB2	41644	102831	13.96%	1.500%
12	4.399	1013	1029	1052	rBV	132372	332899	45.19%	4.856%
13	5.093	1226	1245	1269	rBV2	301274	736624	100.00%	10.745%
14	5.663	1405	1422	1449	rBV	250035	514316	69.82%	7.502%
15	5.958	1502	1514	1528	rVB7	5959	12488	1.70%	0.182%
16	6.116	1547	1563	1583	rBV2	168750	342805	46.54%	5.000%
17	7.029	1835	1847	1872	rBV2	73840	139995	19.00%	2.042%
18	7.360	1936	1950	1968	rBV	343504	638956	86.74%	9.320%
19	7.662	2032	2044	2054	rBV2	46927	77529	10.52%	1.131%
20	8.019	2146	2155	2166	rVB3	18804	32789	4.45%	0.478%
21	8.132	2179	2190	2219	rBV	351405	644112	87.44%	9.396%
22	8.894	2415	2427	2449	rBV	371364	645878	87.68%	9.421%
23	10.058	2779	2789	2799	rBV5	5004	9337	1.27%	0.136%
24	10.260	2841	2852	2866	rBV2	133613	211460	28.71%	3.085%
25	10.421	2893	2902	2914	rBV2	11318	19505	2.65%	0.285%
26	11.138	3120	3125	3136	rVB2	6924	9833	1.33%	0.143%
27	11.296	3159	3174	3190	rBV	373790	597505	81.11%	8.716%
28	11.575	3246	3261	3279	rBV	130974	233009	31.63%	3.399%
29	11.672	3279	3291	3306	rVB	404873	653960	88.78%	9.539%
30	12.132	3425	3434	3443	rBV4	4897	8787	1.19%	0.128%
31	12.289	3473	3483	3494	rBV6	5278	10492	1.42%	0.153%
32	12.395	3506	3516	3526	rBV4	7513	11060	1.50%	0.161%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Title : TRACE VOA SOM01.0

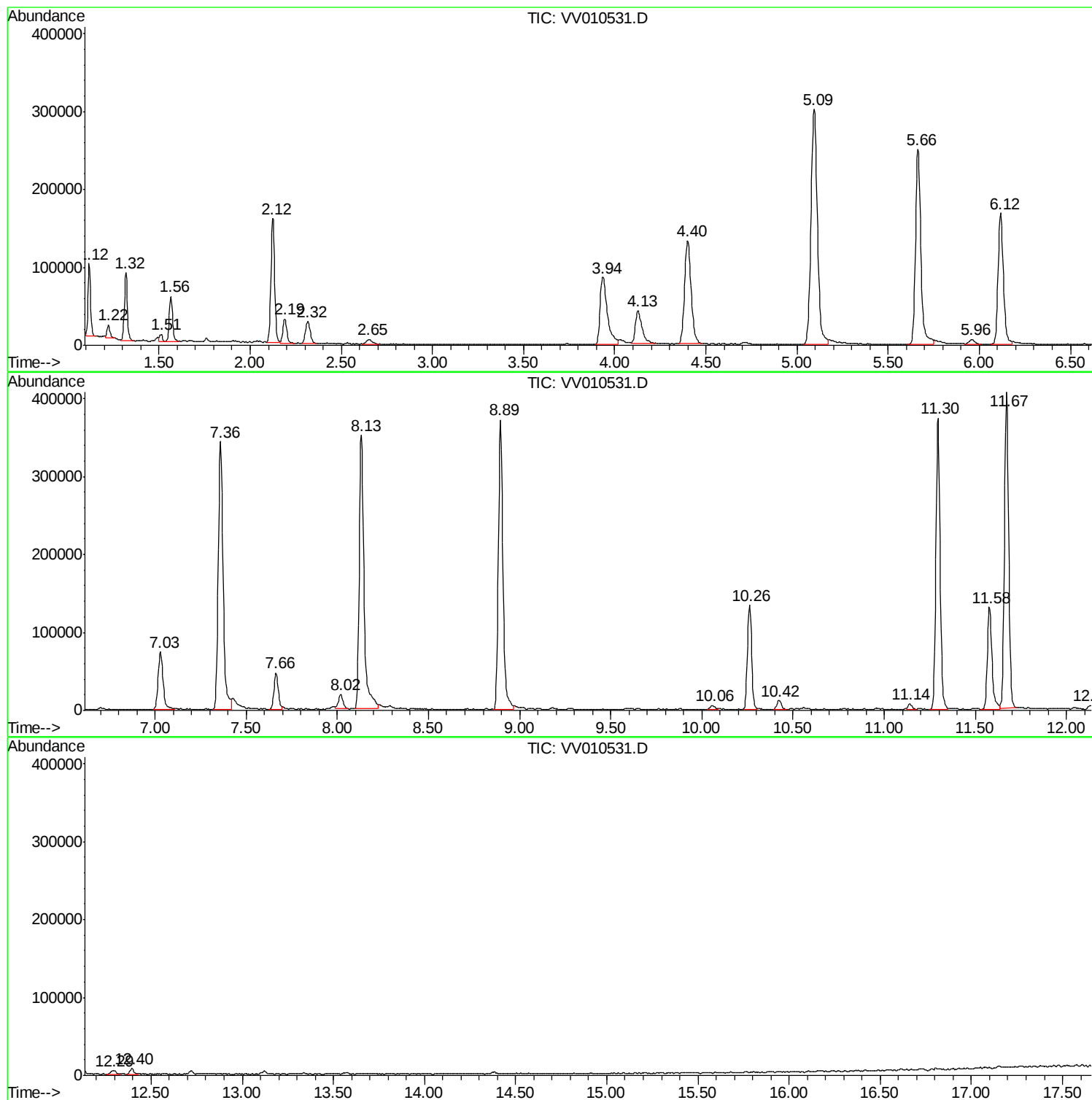
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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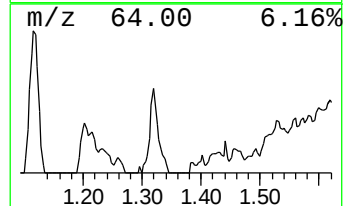
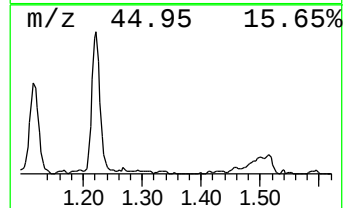
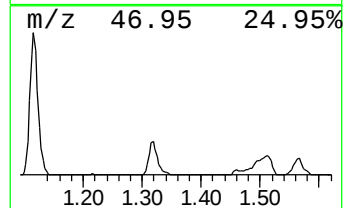
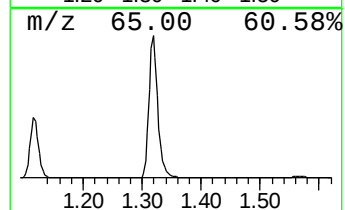
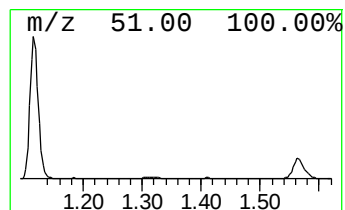
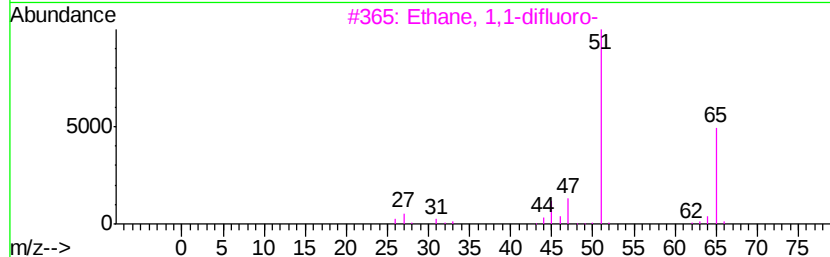
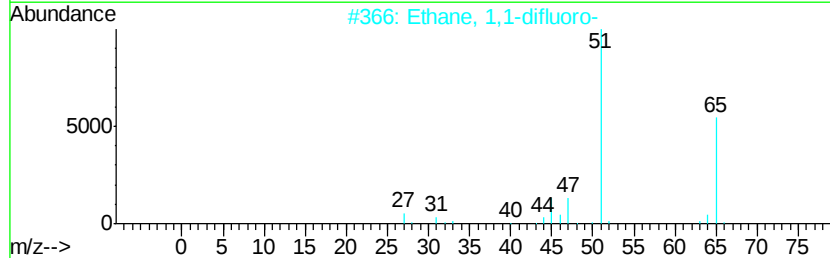
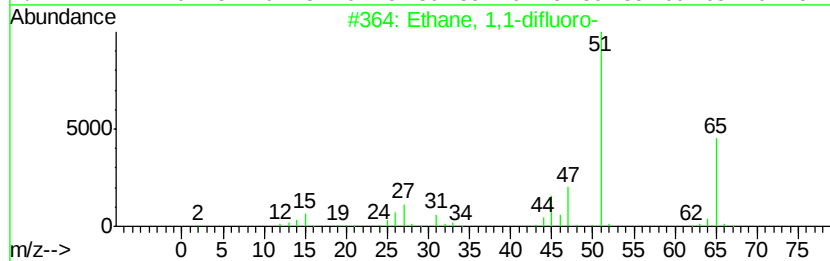
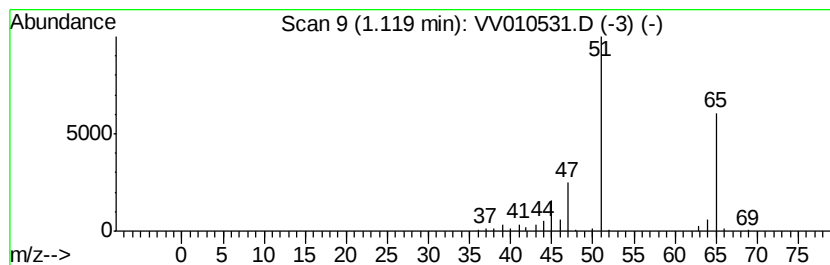
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	0.88 ug/L	90995	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
3			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4			Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5			2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31N08	1000129-85-6	4



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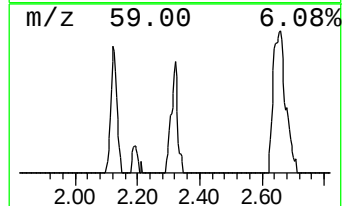
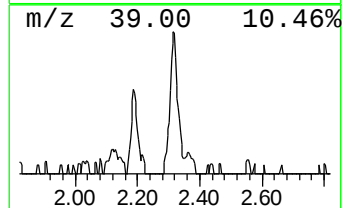
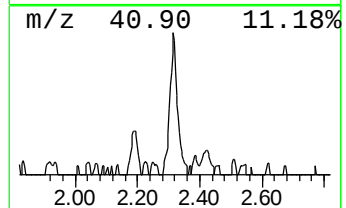
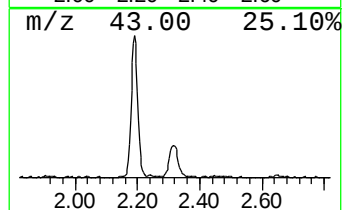
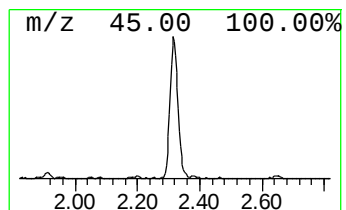
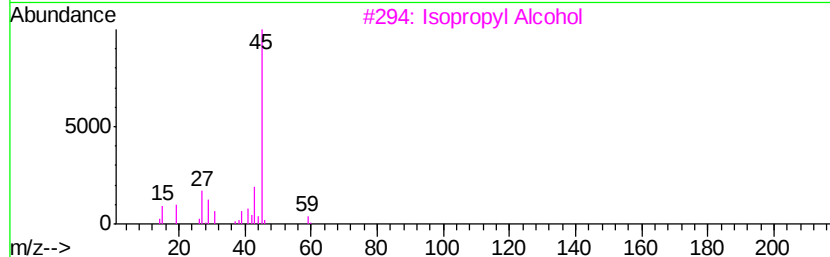
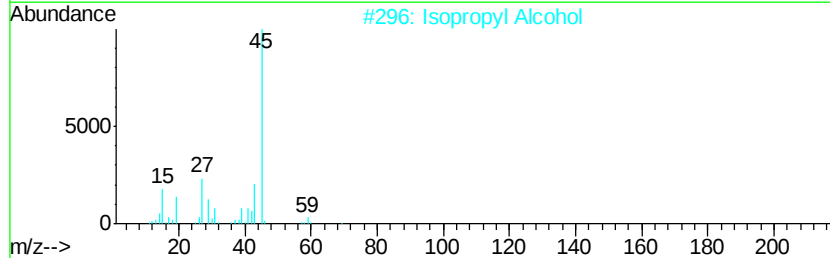
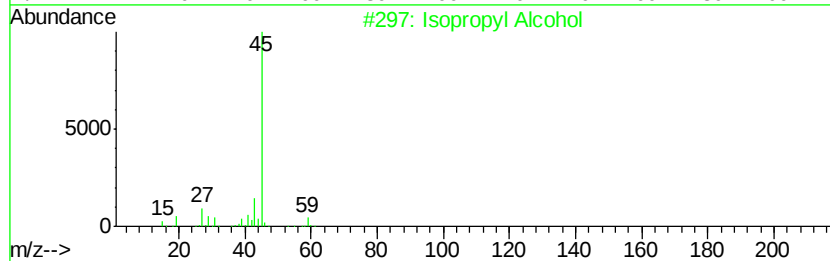
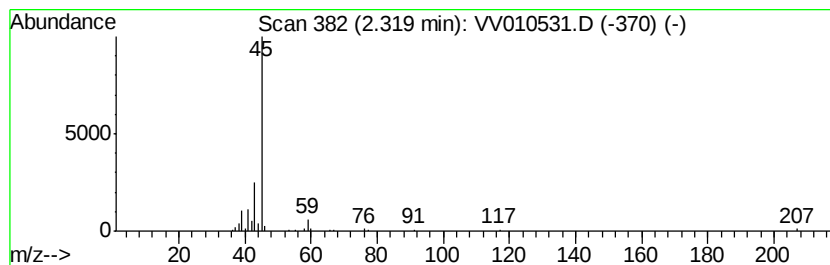
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	0.50 ug/L	51658	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4		Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40



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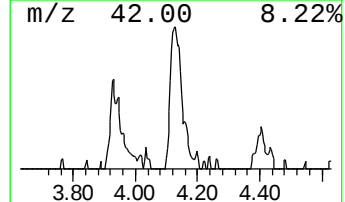
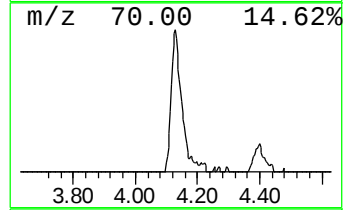
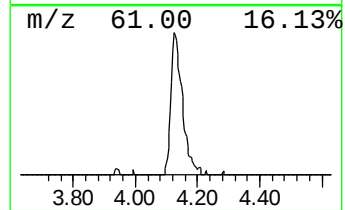
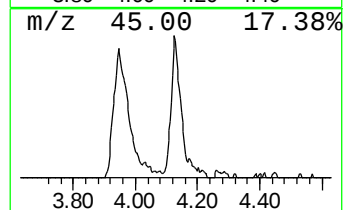
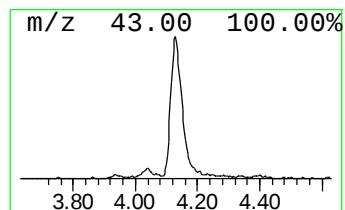
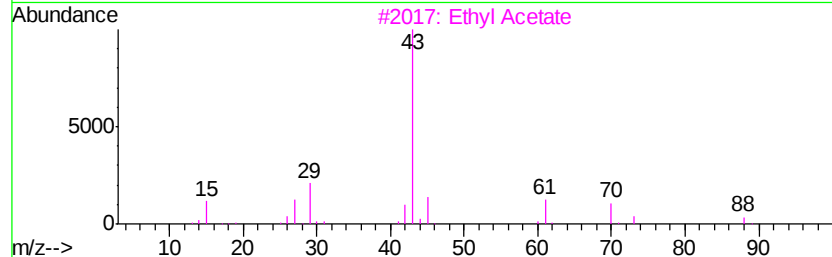
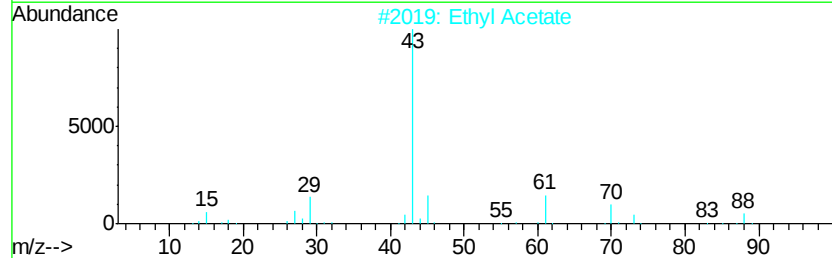
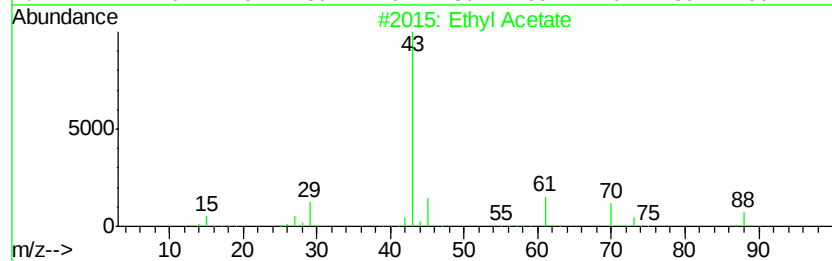
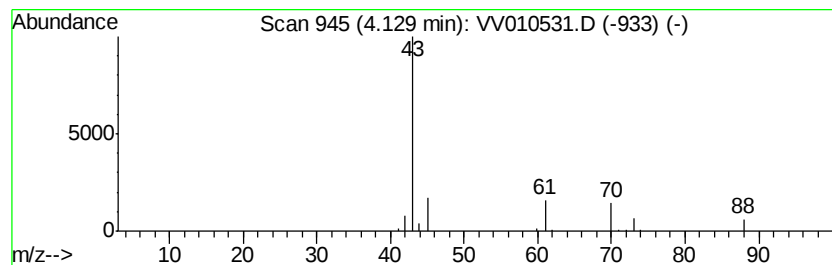
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	1.00 ug/L	102831	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	90
3			Ethyl Acetate	88	C4H8O2	000141-78-6	90
4			Ethyl Acetate	88	C4H8O2	000141-78-6	86
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	64



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Instrument :
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ClientSampleId :
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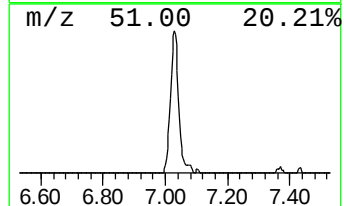
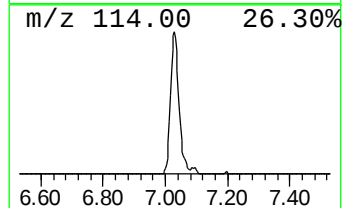
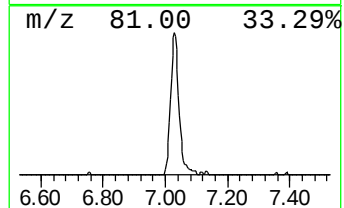
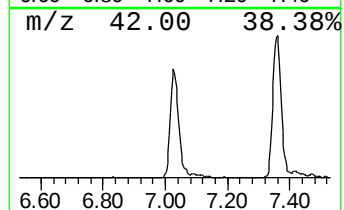
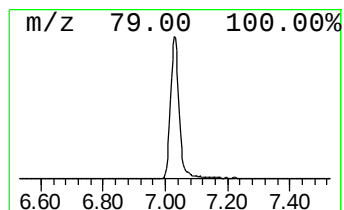
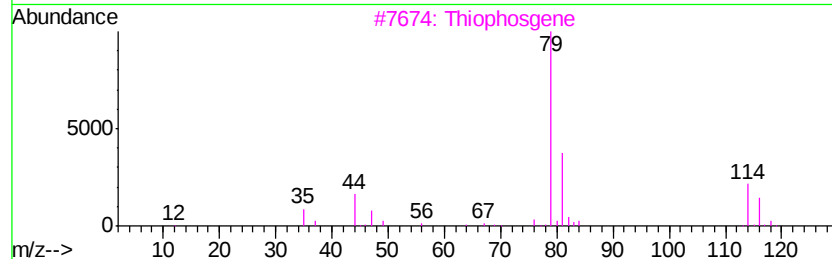
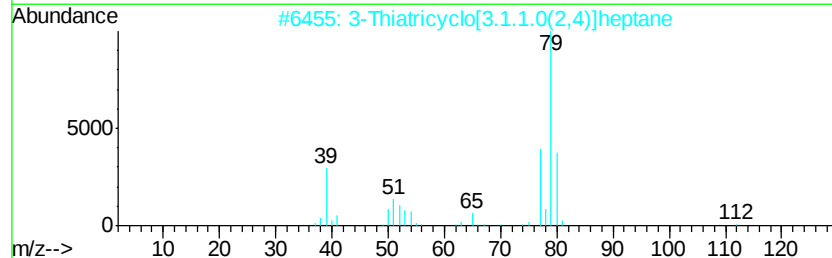
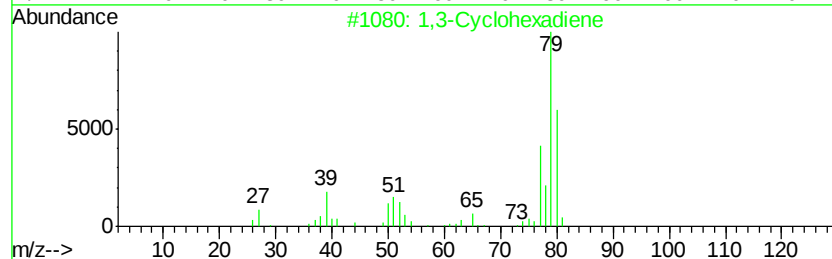
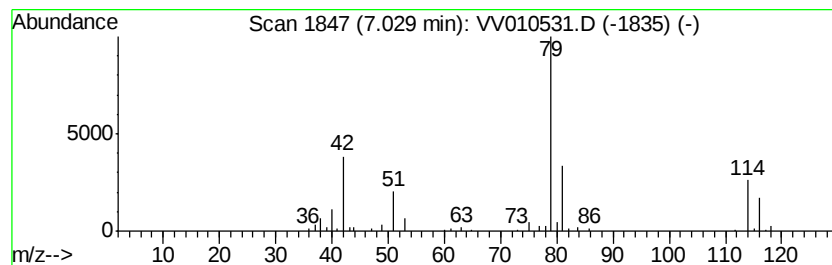
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	1.36 ug/L	139995	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclohexadiene	80	C6H8	000592-57-4	43
2		3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	37
3		Thiophosgene	114	CCl2S	000463-71-8	28
4		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
5		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25



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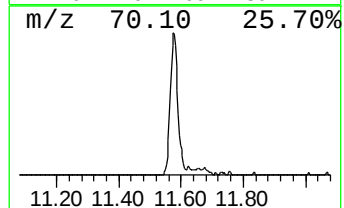
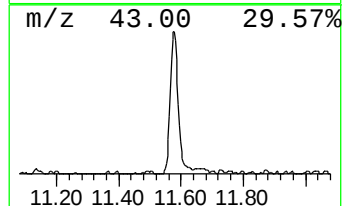
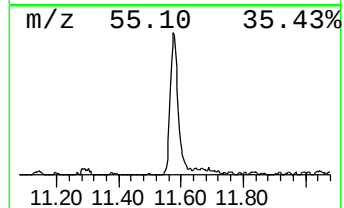
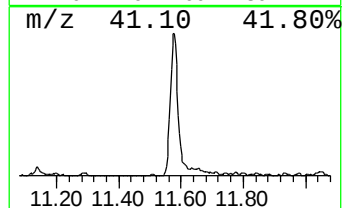
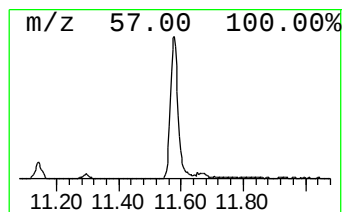
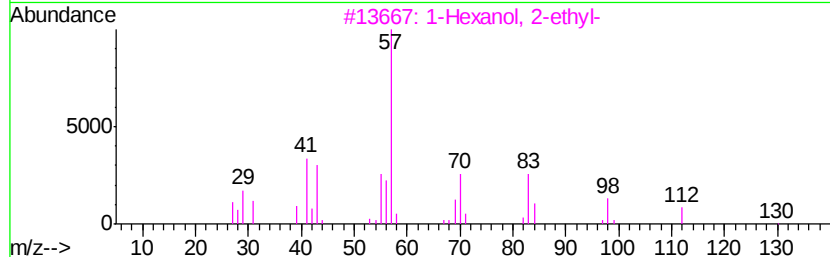
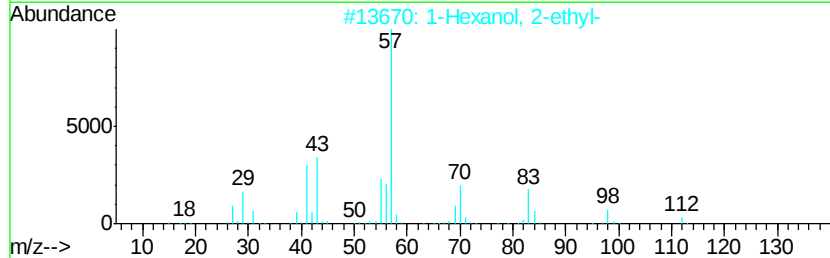
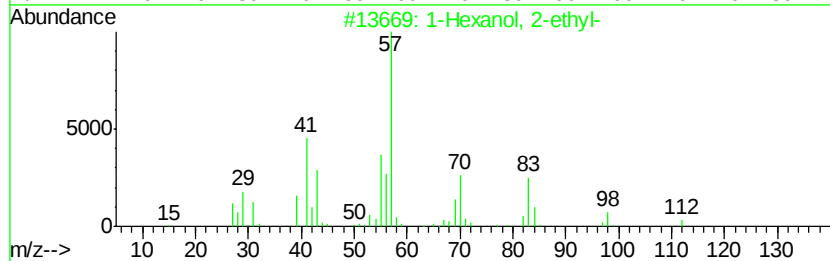
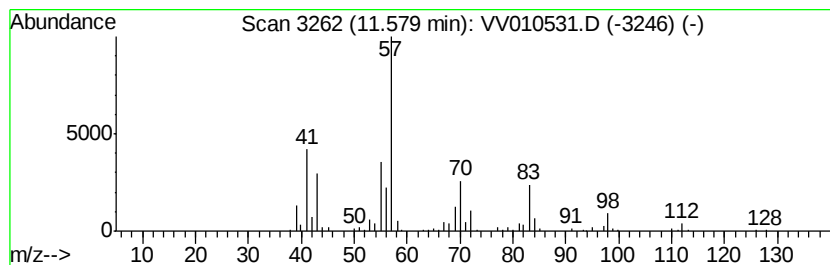
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	1.95 ug/L	233009	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47



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Operator : SY/MD
Sample : K2586-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X34

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.12	0.9	ug/L	90995	1	5.66	514316	5.0
Isopropyl Alcohol	2.32	0.5	ug/L	51658	1	5.66	514316	5.0
Ethyl Acetate	4.13	1.0	ug/L	102831	1	5.66	514316	5.0
unknown-01	7.03	1.4	ug/L	139995	1	5.66	514316	5.0
1-Hexanol, 2-ethyl-	11.58	2.0	ug/L	233009	3	11.30	597505	5.0